

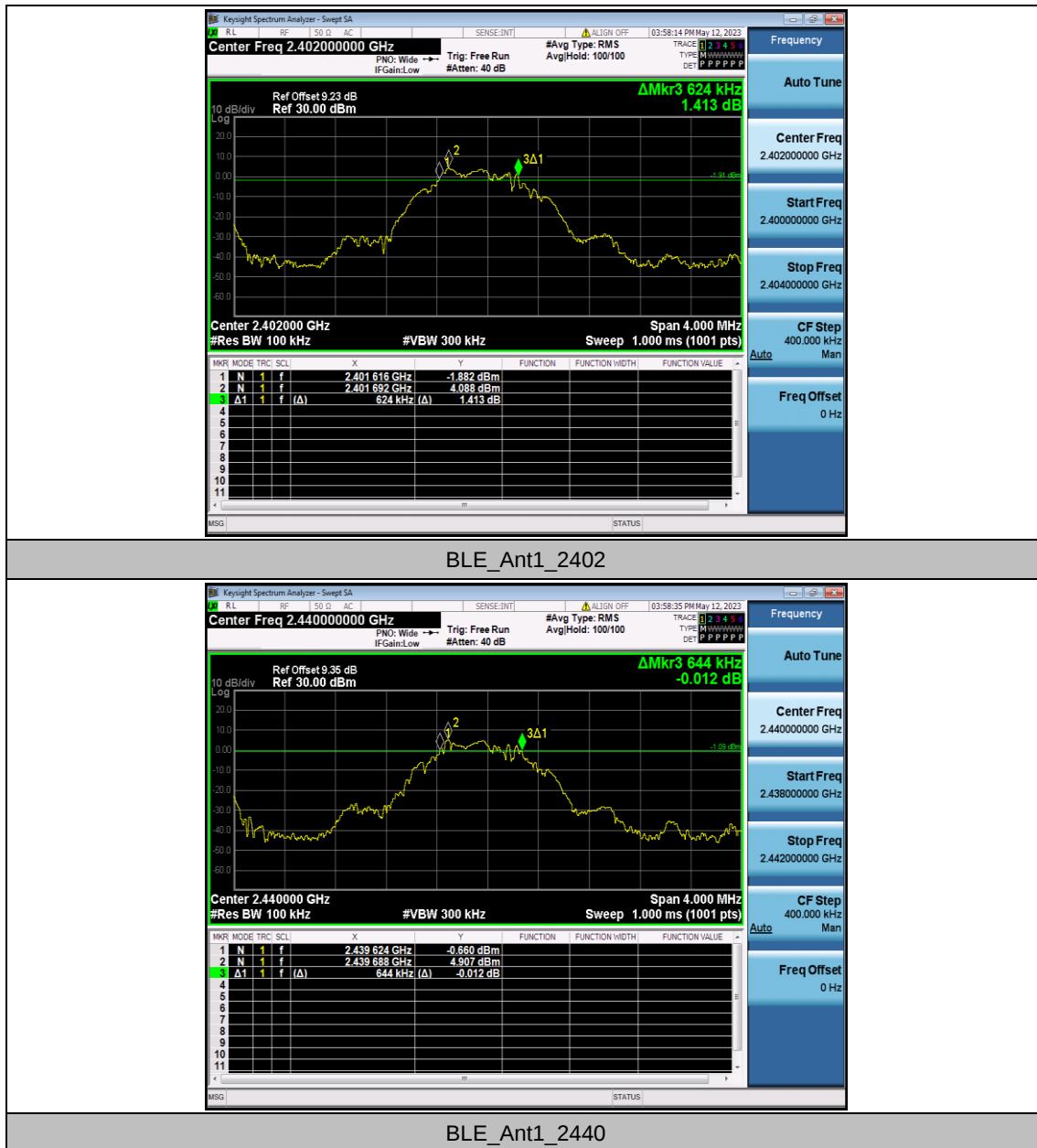
Case No. : <u>GTS20230417004-1-2</u>	
Ambient Condition: <u>24</u> °C, <u>51</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2023.5.12</u>	Test Engineer: <u>Jenny zeng</u>

Appendix B.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	0.624	2401.616	2402.240	0.5	PASS
		2440	0.644	2439.624	2440.268	0.5	PASS
		2480	0.644	2479.624	2480.268	0.5	PASS

Test Graphs



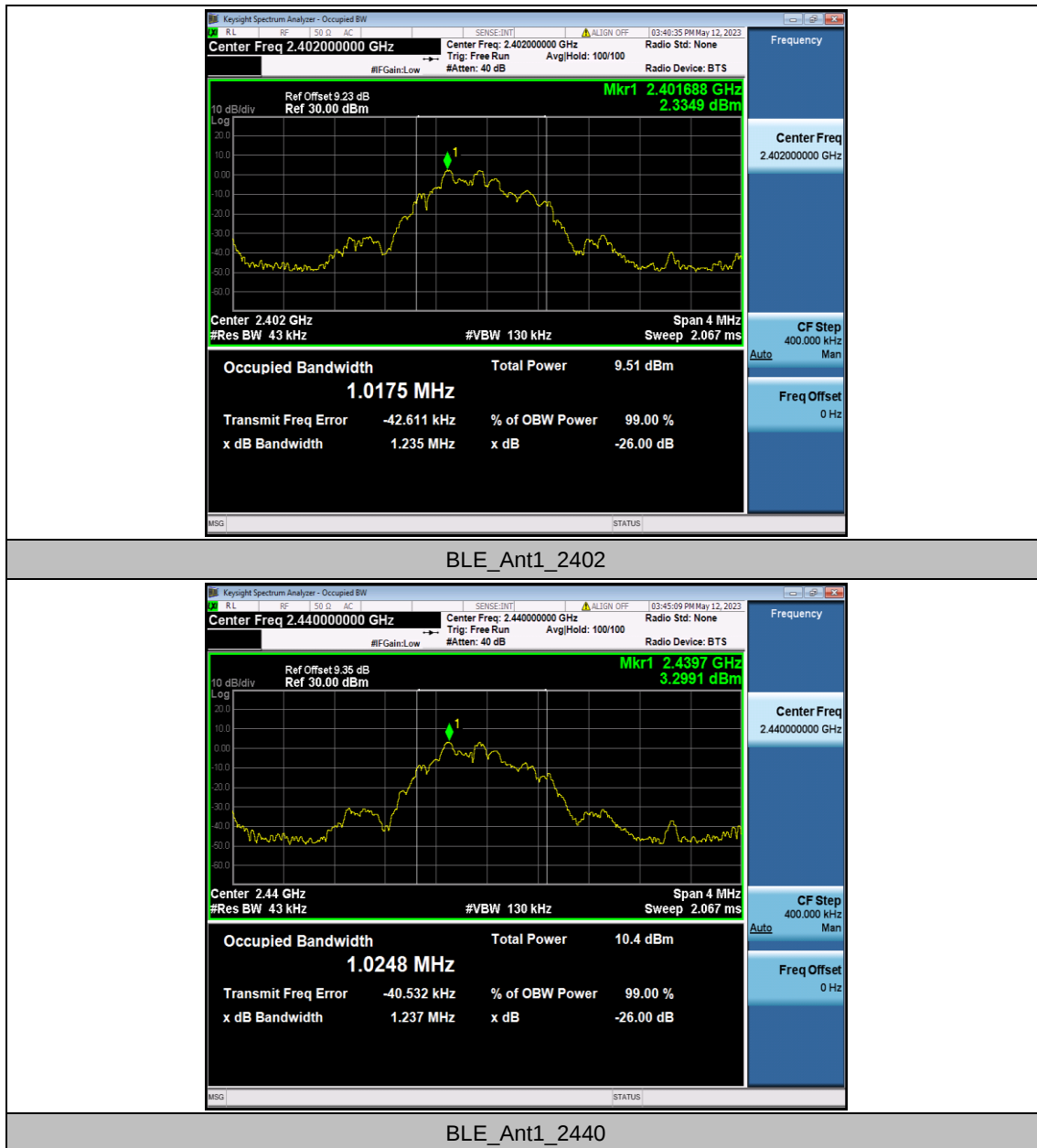


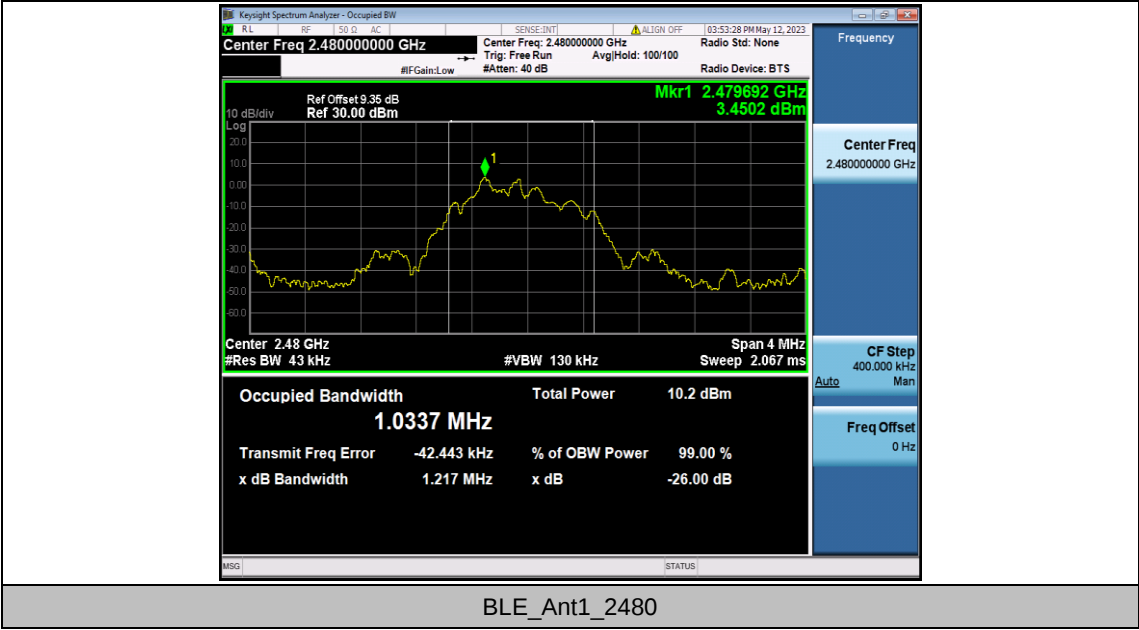
Appendix B.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	1.0175	2401.449	2402.466	---	---
		2440	1.0248	2439.447	2440.472	---	---
		2480	1.0337	2479.441	2480.474	---	---

Test Graphs





BLE_Ant1_2480

Appendix B.3: Maximum conducted output power

Test Result Peak

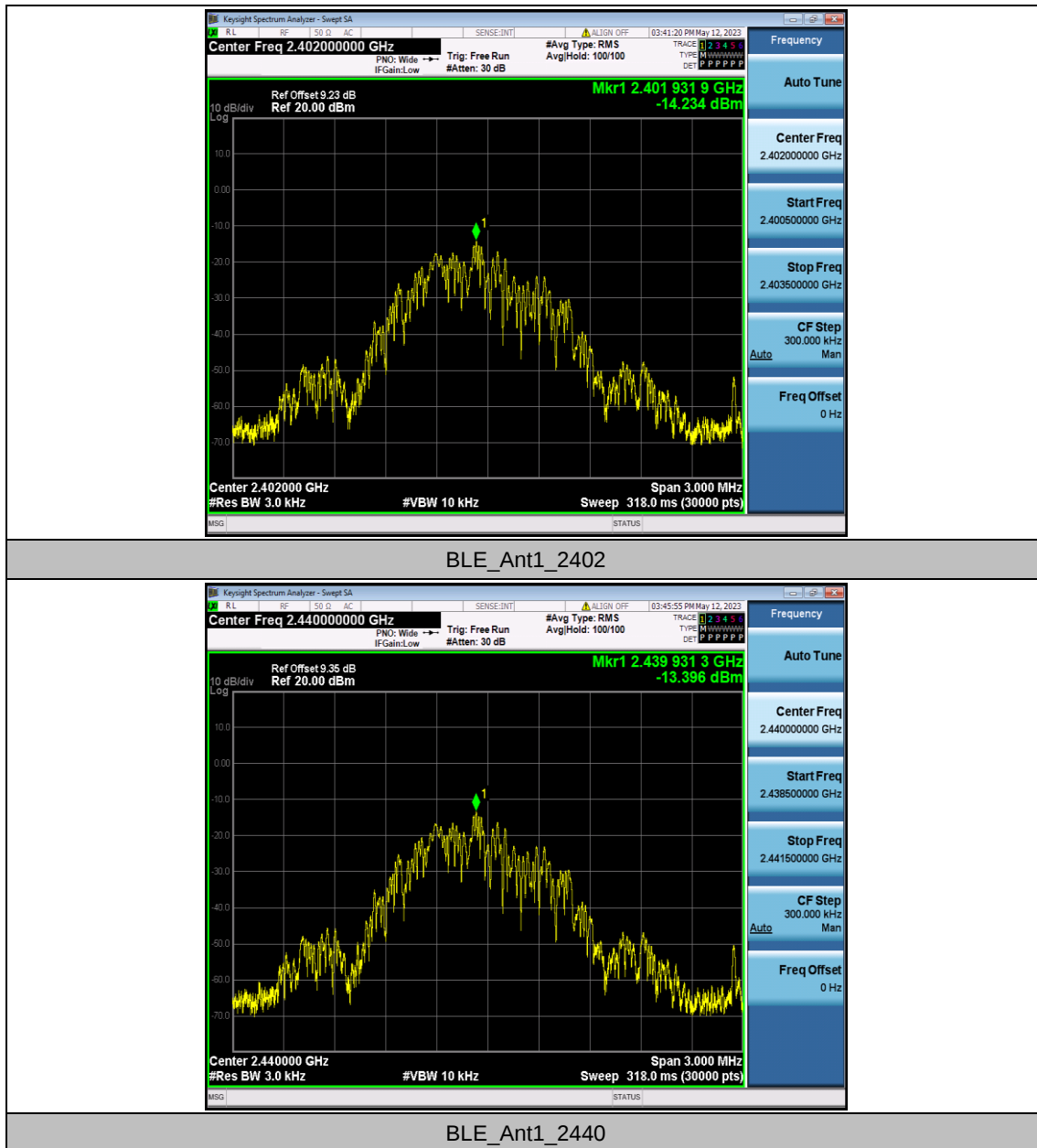
TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE	Ant1	2402	4.37	≤30	PASS
		2440	5.24	≤30	PASS
		2480	5.3	≤30	PASS

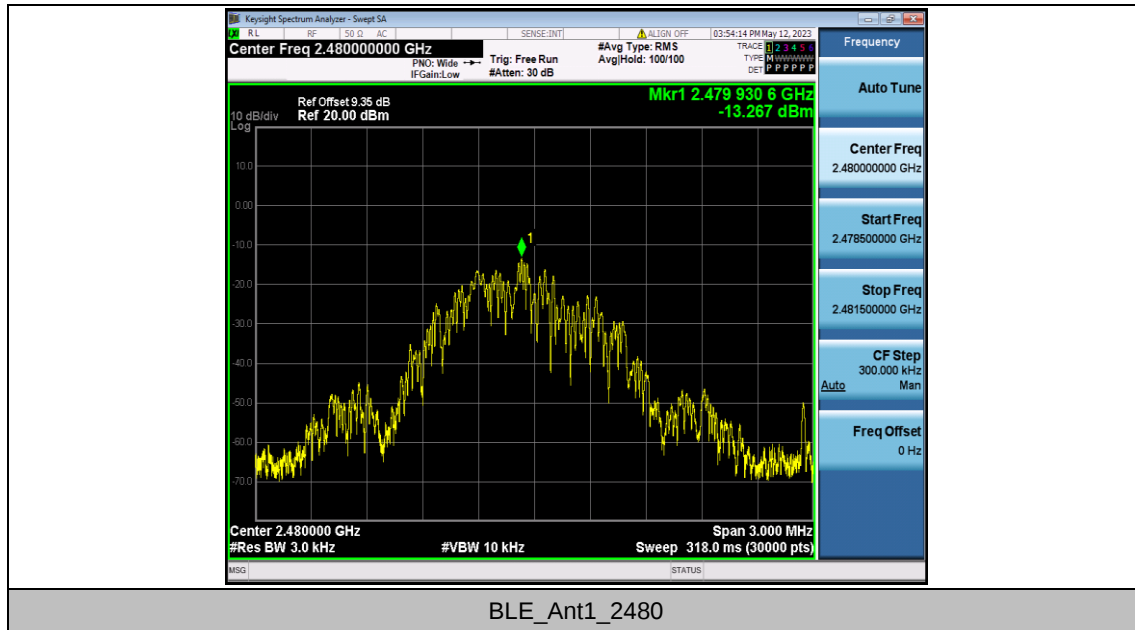
Appendix B.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE	Ant1	2402	-14.23	≤8.00	PASS
		2440	-13.4	≤8.00	PASS
		2480	-13.27	≤8.00	PASS

Test Graphs



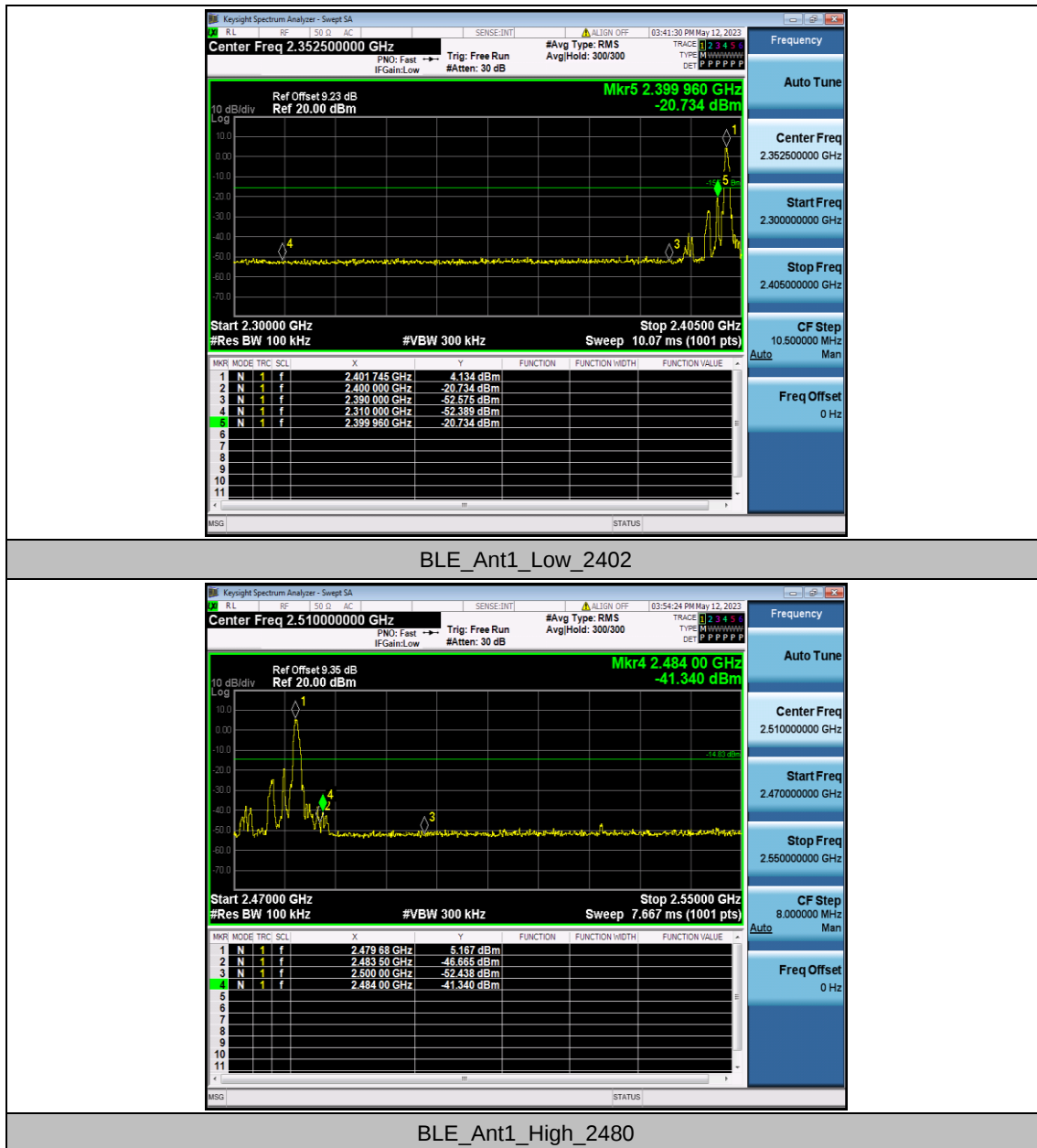


Appendix B.5: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	Low	2402	4.13	-20.73	≤-15.87	PASS
		High	2480	5.17	-41.34	≤-14.83	PASS

Test Graphs

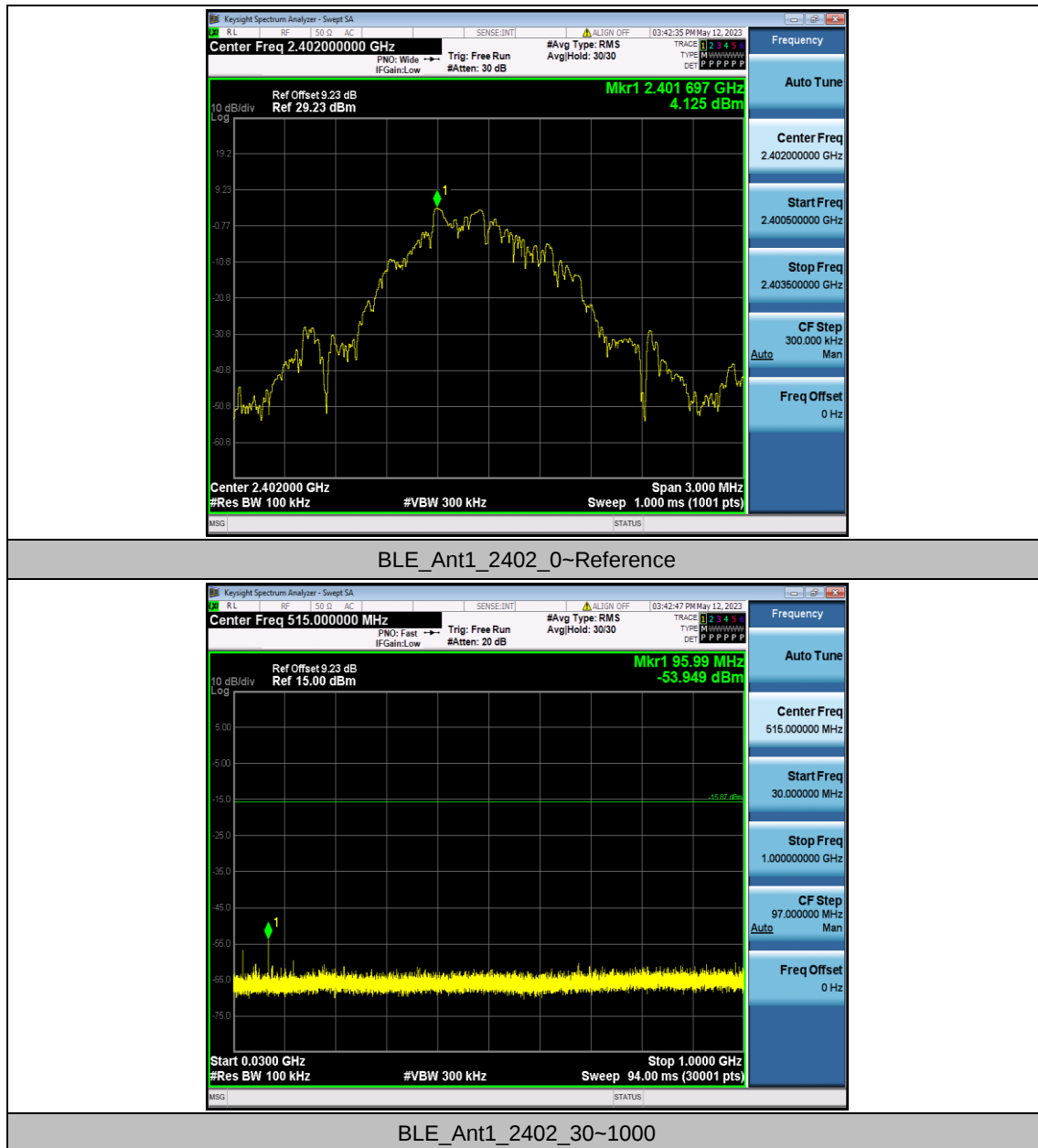


Appendix B.6: Conducted Spurious Emission

Test Result

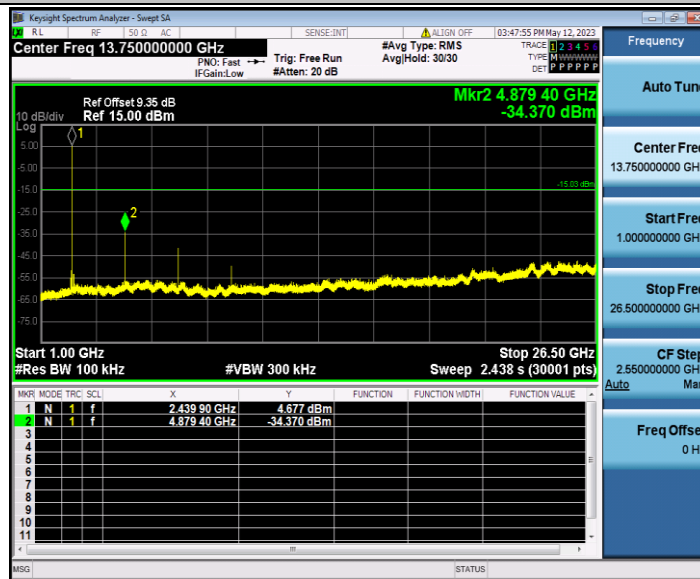
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	2402	Reference	4.13	4.13	---	PASS
			30~1000	4.13	-53.95	≤ -15.87	PASS
			1000~26500	4.13	-38.29	≤ -15.87	PASS
		2440	Reference	4.97	4.97	---	PASS
			30~1000	4.97	-53.47	≤ -15.03	PASS
			1000~26500	4.97	-34.37	≤ -15.03	PASS
		2480	Reference	5.12	5.12	---	PASS
			30~1000	5.12	-53.4	≤ -14.88	PASS
			1000~26500	5.12	-36.84	≤ -14.88	PASS

Test Graphs





BLE_Ant1_2440_30~1000



BLE_Ant1_2440_1000~26500



BLE_Ant1_2480_0~Reference

